QC ABSTRACT

NAME OF WORK: Providing water supply and drilling of borewells in ward no-01 & 02 of Yelahanka Sub Division.

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	WMM	Sieve Analysis	One Test		1	1
		Impact Value	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1

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Asst Exective Engineer
DBMP
Yelahanka Sub Division

AE-02

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Certificate No.: TC-5548

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2020-06-15-37** **Date: 13-05-20**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Providing water supply and drilling of borewells in ward no-01 & 02 of Yelahanka Sub Division.
Agency	:	Sri.K.Lakshmi Narayana Reddy, No:01, 15th Cross, Kanakanagara, R.T.Nagara (Post), Banglore-560032.
Customer Reference	:	EE/YNK.D/EPMT-16/W.O/263/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-05-20
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	11-05-20
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	315	315	2.9	97.1	95-100
22.4	2259	2574	23.4	76.6	60-80
11.2	2179	4753	43.2	56.8	40-60
4.75	2251	7004	63.7	36.3	25-40
2.36	1621	8625	78.4	21.6	15-30
0.6	623	9248	84.1	15.9	8-22
0.075	1338	10586	96.2	3.8	0-5

AE-2

Asst.Executive Engineer
Yelahanka Sub Division

Note:-
The results pertain to the samples received and tested.
All information Furnished by Customer/ Representative
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Samples will be disposed after 90 days from the date of issue of test certificate

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

AE-2

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End of Report

TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID : CP-RW-2020-06-15-37 **Date: 13-05-20**

Customer : Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.

Address : Yelahanka Sub Division, BBMP, Bangalore.

Project Name : Providing water supply and drilling of borewells in ward no-01 & 02 of Yelahanka Sub Division.

Agency : Sri.K.Lakshmi Narayana Reddy, No:01, 15th Cross, Kanakanagara, R.T.Nagara (Post), Banglore-560032.

Customer Reference : EE/YNK.D/EPMT-16/W.O/263/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 11-05-20

Type of Mix : Coarse Aggregate for WMM (Wet Mix Macadam)

Date of test : 11-05-20

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	300.2	300.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	225.9	225.8
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.4
5	Aggregate impact value	(B/A)*100	24.6	24.7
6	Aggregate impact value (Mean of two tests)	Pecentage	24.6	

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DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2020-06-15-37** **Date: 13-05-20**
Customer	:	Assistant Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
Address	:	Yelahanka Sub Division, BBMP, Bangalore.
Project Name	:	Providing water supply and drilling of borewells in ward no-01 & 02 of Yelahanka Sub Division.
Agency	:	Sri.K.Lakshmi Narayana Reddy, No:01, 15th Cross, Kanakanagara, R.T.Nagara (Post), Banglore-560032.
Customer Reference	:	EE/YNK.D/EPMT-16/W.O/263/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	11-05-20
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	11-05-20

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	12.8%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	25.3%	

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CIVIL Pro Sig Date

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